

WEST Search History for Application 10583923

Creation Date: 2011022222:23

(GROWTH HORMONE OR SOMATOTROPIN OR RECOBMINANT GROWTH HORMONE)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(LIQUID formulation? or aqueous FORMULATION?) and ((GROWTH HORMONE OR SOMATOTROPIN OR RECOBMINANT GROWTH HORMONE)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((LIQUID formulation? or aqueous FORMULATION?) and (GROWTH HORMONE OR SOMATOTROPIN OR RECOBMINANT GROWTH HORMONE) and (non-ionic surfactant or polymer stabilizer or divalent cation or tonicity agent or sorbitol or methionine or preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((LIQUID formulation? or aqueous FORMULATION?) and (GROWTH HORMONE OR SOMATOTROPIN OR RECOBMINANT GROWTH HORMONE) and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol and methionine and preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(ph 5 or 8) andL4USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(ph 5 or pH 8) and ((LIQUID formulation? or aqueous FORMULATION?) and (GROWTH HORMONE OR SOMATOTROPIN OR RECOBMINANT GROWTH HORMONE) and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol and methionine and preservative))USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
6593296.pn.USPT ADJ YES 10-28-2008
(Stabil? growth hormone formulation)USPT ADJ YES 10-28-2008
(Stabil? and growth hormone)USPT ADJ YES 10-28-2008
(liquid formulation? oe aqueuous formualtion?) and ((Stabil? and growth hormone))USPT ADJ YES 10-28-2008
(liquid formulation? or aqueuous formualtion?) and ((Stabil? and growth hormone))USPT ADJ YES 10-28-2008
(Stabil? and growth hormone)USPT ADJ YES 10-28-2008
(Stabil? and growth hormone)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone)) and (liquid formulation? or aqueuous formualtion?)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone) and (liquid formulation? or aqueuous formualtion?)) and and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol and methionine and preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone) and (liquid formulation? or aqueuous formualtion?)) and and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol or methionine and preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone) and (liquid formulation? or aqueuous formualtion?)) and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol or methionine and preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(pH 5 or pH 8) and ((Stabil? and growth hormone) and (liquid formulation? or aqueuous formualtion?) and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol or methionine and preservative))USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(pH 5 to pH 8) and ((Stabil? and growth hormone) and (liquid formulation? or aqueuous formualtion?) and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol or methionine and preservative))USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008

(pH 5 to pH 8) and ((Stabl? and growth hormone) and (liquid formulation? or aqueous formualtion?) and (non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol or methionine and preservative))USPT, EPAB, JPAB,

DWPI ADJ YES 10-28-2008

5206219.pn.USPT ADJ YES 10-28-2008

(GROWTH HORMONE OR SOMATOTROPIN OR RECOBMINANT GROWTH HORMONE)PGPB ADJ YES 10-28-2008

(Stabl? growth hormone)PGPB ADJ YES 10-28-2008

(Stabl? growth hormone)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008

(growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone)USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

(non-ionic sufactant or nonionic surfactant or non ionic surfactant) and ((growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

(polymer stabilizer or polymer stabl?) and ((non-ionic sufactant or nonionic surfactant or non ionic surfactant) and (growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

(polyethylene glycol) and ((non-ionic sufactant or nonionic surfactant or non ionic surfactant) and (growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

(polysorbate or tween) and ((polyethylene glycol) and (non-ionic sufactant or nonionic surfactant or non ionic surfactant) and (growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

((growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone)) near (liquid or aqueous)USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

(polyethylene glycol) and ((growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone) near (liquid or aqueous))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

(polysorbate or tween) and ((polyethylene glycol) and (growth hormone or human growth hormone or somatotropin or recombinant grwoth hormone) near (liquid or aqueous))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008

(growth hormone or Somatotrophin or somatotropin)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009

(Liquid formulation or aqueous solution) near3 ((growth hormone or Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009

(surfactant and polymer stabilizer and methionine) and ((Liquid formulation or aqueous solution) near3 (growth hormone or Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009

(methionine) and ((Liquid formulation or aqueous solution) near3 (growth hormone or Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009

(methionine) near2 ((Liquid formulation or aqueous solution) near3 (growth hormone or Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009

(methionine) same ((Liquid formulation or aqueous solution) near3 (growth hormone or Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009

(methionine) and ((Liquid formulation or aqueous solution) near3 (growth hormone or Somatotrophin or somatotropin))USPT ADJ YES 04-14-2009

(liquid formulation or aqueous formulation).ab.PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009

(nonionic surfactant or non ionic surfactant or non-ionic surfactant)and ((liquid formulation or aqueous formulation).ab.)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009

(polymer stabilizer or polyethylene glycol) and ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)and (liquid formulation or aqueous formulation).ab.)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009

(methionine) and ((polymer stabilizer or polyethylene glycol) and (nonionic surfactant or non ionic surfactant or non-ionic surfactant)and (liquid formulation or aqueous formulation).ab.)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009

(methionine)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009

(tonicity agent) and ((methionine))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
((liquid formulation or aqueous formulation).ab.) near3 ((methionine))PGPB, USPT, EPAB,

JPAB, DWPI ADJ YES 04-22-2009

((liquid formulation or aqueous formulation).ab.) same ((methionine))PGPB, USPT, EPAB,
JPAB, DWPI ADJ YES 04-22-2009

5358708.pn.USPT ADJ YES 04-22-2009

(growth hormone) and (5358708.pn.)USPT ADJ YES 04-22-2009

6448225.pn.PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009

6448225.pn.USPT ADJ YES 04-22-2009

(polymer) and (6448225.pn.)USPT ADJ YES 04-22-2009

(polymer) and (5358708.pn.)USPT ADJ YES 04-22-2009

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
(POLYMER STABILIZER OR POLYETHYLENE GLYCOL)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
(METHIONINE)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((METHIONINE)) AND (FORMULATION OR AQUEOUS SOLUTION)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((METHIONINE) AND (FORMULATION OR AQUEOUS SOLUTION)) and ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL)) and ((PROTEIN OR POLYPEPTIDE OR PEPTIDE	PGPB, USPT, EPAB, JPAB,	ADJ	YES		11-18-2009

(OR NUCLEIC ACID))	DWPI			
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID)) AND (FORMULATION OR AQUEOUS SOLUTION)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID) AND (FORMULATION OR AQUEOUS SOLUTION)) same ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID) AND (FORMULATION OR AQUEOUS SOLUTION)) and ((METHIONINE)) and ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID)) same ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL)) same ((METHIONINE))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
((POLYMER STABILIZER OR POLYETHYLENE GLYCOL)) near5 ((METHIONINE))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
((METHIONINE)) same (FORMULATION OR AQUEOUS SOLUTION)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
((METHIONINE) same (FORMULATION OR AQUEOUS SOLUTION)) near5 ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
((METHIONINE) same (FORMULATION OR AQUEOUS SOLUTION)) and ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
(stablizer or stablization)	PGPB, USPT, EPAB,	ADJ	YES	11-18-2009

	JPAB, DWPI			
((stablizer or stablization)) same ((METHIONINE))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	11-18-2009
(polypeptide or protein or peptide)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
(liquid formulation or aqueous formulation)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
(growth hormone or somatotropin)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
(nonionic surfactant or non ionic surfactant or non-ionic surfactant)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
(polymer stabilizer or polyethylene glycol)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
(methionine)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
((methionine)) and ((polypeptide or protein or peptide)) and ((liquid formulation or aqueous formulation)) and ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) and ((polymer stabilizer or polyethylene glycol))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
((methionine)) and ((liquid formulation or aqueous formulation)) and ((nonionic surfactant or non ionic	PGPB, USPT,	ADJ	YES	06-22-2010

surfactant or non-ionic surfactant)) and ((polymer stabilizer or polyethylene glycol))	EPAB, JPAB, DWPI			
((liquid formulation or aqueous formulation)) same ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) same ((polymer stabilizer or polyethylene glycol)) same ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
((growth hormone or somatotropin)) same ((polymer stabilizer or polyethylene glycol)) same ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
((growth hormone or somatotropin)) same ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) same ((polymer stabilizer or polyethylene glycol)) same ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	06-22-2010
(polypeptide or protein or peptide)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
(growth hormone or somatotropin)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
(liquid formulation or aqueous formulation)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
(nonionic surfactant or non ionic surfactant or non-ionic surfactant)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
(polymer stabilizer or polyethylene glycol)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
(methionine)	PGPB,	ADJ	YES	02-22-2011

	USPT, EPAB, JPAB, DWPI			
((polypeptide or protein or peptide)) same ((liquid formulation or aqueous formulation))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
((polypeptide or protein or peptide) same (liquid formulation or aqueous formulation)) and ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) and ((polymer stabilizer or polyethylene glycol)) and ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
((polypeptide or protein or peptide) same (liquid formulation or aqueous formulation) and (nonionic surfactant or non ionic surfactant or non-ionic surfactant) and (polymer stabilizer or polyethylene glycol) and (methionine)) and ((growth hormone or somatotropin))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
(liquid formulation or aqueous formulation).ab.	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
((liquid formulation or aqueous formulation).ab.) and ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) and ((polymer stabilizer or polyethylene glycol)) and ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES	02-22-2011
((liquid formulation or aqueous formulation).ab.) and ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) and ((polymer stabilizer or polyethylene glycol)) and ((methionine))	USPT	ADJ	YES	02-22-2011